

Section 2. Forms PTO/SB/08A and 08B (formerly Form PTO-1449)

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicants: Nissim Benvenisty Attorney Docket: 1822/113
 Serial No: 09/ Art Group Unit:
 Date Filed: Examiner Name:
 Invention: Directed Differentiation of Embryonic Stem Cells

10828 U.S. PTO
 09/918702
 07/31/01

**LIST OF PATENTS AND PUBLICATIONS FOR
 APPLICANT'S INFORMATION DISCLOSURE STATEMENT**

United States Patents

| Examiner Initials | Reference Number | Document Number | Issue Date | Inventor | Class/Subclass |
|----------------------|---------------------|-----------------|------------|------------------|----------------|
| dc | AA | 5,453,357 | 9/26/95 | Hogan | 435/7.21 |
| | AB | 5,459,069 | 10/17/95 | Palsson, et al. | 435/289.1 |
| | AC | 5,843,780 | 12/1/98 | Thomson | 435/363 |
| | AD | 5,874,301 | 2/23/99 | Keller, et al. | 435/325 |
| | AE | 5,914,268 | 6/22/99 | Keller, et al. | 435/325 |
| | AF | 6,090,622 | 7/18/00 | Gearhart, et al. | 435/366 |
| | AG | 6,114,168 | 9/5/00 | Samarut, et al. | 435/405 |
| dc | AH | 6,197,585 | 3/6/01 | Stringer | 435/368 |

International Patents

| Examiner Initials | Reference Number | Document Number | Issue Date | Inventor | Class/Subclass |
|----------------------|---------------------|-----------------|------------|------------------|----------------|
| dc | AI | WO 91/04274 | 4/4/91 | Pragnell, et al. | C07K 13/00 |
| dc | AJ | WO 96/15259 A2 | 5/23/96 | Wickrema | C12Q 1/68 |
| dc | AK | WO 96/15259 A3 | 5/23/96 | Wickrema | C12Q 1/68 |

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|----|----|--------------|----------|----------------------------|------------|
| dc | AL | WO 96/17627 | 6/13/96 | Mosca, et al. | A61K 48/00 |
| | AM | WO 98/30679 | 7/16/98 | Price, et al. | C12N 5/00 |
| | AN | WO 98/43679 | 8/10/98 | Gearhart, et al. | A61K 49/00 |
| | AO | WO 99/20740 | 4/29/99 | Bodnar, et al. | C12N 5/00 |
| | AP | WO 99/38008 | 7/29/99 | Bowdish | G01N 33/53 |
| | AQ | WO 00/12683 | 3/9/00 | Wilson, et al. | C12N 5/08 |
| | AR | WO 00/17326 | 3/3/00 | Eisenberg | C12N 5/06 |
| | AS | WO 00/70021 | 11/12/00 | Itskovitz-Eldor, et al. | C12N 5/00 |
| | AT | WO 01/05944 | 1/25/01 | Gordon, et al. | C12N 5/00 |
| | AU | EP 0 753 574 | 1/15/97 | Emerson | C12N 5/08 |
| dc | AV | EP 1 016 413 | 7/5/00 | Gianni | A61K 38/27 |

Other Documents

| Examiner Initials | Reference Number | Author | Title of Article, Title of Journal, Volume Number, Page Numbers, Date |
|----------------------|---------------------|-------------------------|--|
| dc | AW | Reubinoff, et al. | "Embryonic stem cell lines from human blastocysts: somatic differentiation in vitro," Nature Biotechnology, Vol. 18, No. 4, pp. 399-404, (2000). |
| | AX | Jung, et al. | "Initiation of Mammalian liver Development from Endoderm by Fibroblast Growth Factors," Science, Vol. 284, pp. 1998 - 2003, (1999) |
| | AY | Itskovitz-Eldor, et al. | "Differentiation of Human Embryonic Stem Cells into Embryoid Bodies Comprising the Three Embryonic Germ Layers," Molecular Medicine, Vol. 6, No. 2, pp. 88-95, (2000). |
| dc | AZ | Thomson, et al. | "Embryonic Stem Cell Lines Derived from Human Blastocysts," Science, Vol. 282, pp. 1145-1147, (1998). |

Examiner Signature: Deborah Crend

Date Considered: 8/6/03

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; draw line through citation *if not* in conformance and not considered. Include copy of this form with next communication to applicant.

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